

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	MPEG near10 (subband sub-band) near20 (bit near5 allocat\$3 near10 adaptive\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/09/29 13:30
L2	132	(adaptive near5 quantization near5 bit near5 allocat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/09/29 13:35
L3	184	(adaptive near10 quantization near10 bit near10 allocat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/09/29 13:37
L4	1	(adaptive near5 quantization near5 bit near5 allocat\$3) and dequantiz\$5 and denormaliz\$5 and audio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/09/29 13:38
L5	1	(adaptive near10 quantization near10 bit near10 allocat\$3) and dequantiz\$5 and denormaliz\$5 and audio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/09/29 13:41

L6	1	(adaptive\$2 near10 quantiz\$5 near10 bit near10 allocat\$3) and dequantiz\$5 and denormaliz\$5 and audio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/09/29 13:41
L7	1	(adaptive\$2 near10 quantiz\$5 near10 bit near10 allocat\$3) and dequantiz\$5 and denormaliz\$5 and (subband\$1 sub-band \$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/09/29 13:42
L8	1	(adaptive near10 quantization near10 bit near10 allocat\$3) and dequantiz\$5 and denormaliz\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/09/29 13:48
L9	0	("squarenear5rootnear5sumnear5squares").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/29 14:08
L10	4139	square near5 root near5 sum near5 squares	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	OFF	2010/09/29 14:08
L11	0	square near5 root near5 sum near5 squares near5 (subband sub-band)	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	OFF	2010/09/29 14:09
L12	618	(square near5 root near5 sum near5 squares) and audio	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	OFF	2010/09/29 14:10
L13	0	trigger\$3 near10 alarm near10 (average mean) near10 audio near10 (level volume amplitude gain)	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	OFF	2010/09/29 14:14

L14	1	alarm near10 (average mean) near10 audio near10 (level volume amplitude gain)	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	OFF	2010/09/29 14:15
S3	13	james.in. and automatic same measure\$4 same audio same data	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/12/30 14:42
S4	0	carpenter.in. and automatic same measure\$4 same audio same data	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/06 16:57
S5	0	"Hughes Electronics" and automatic same measure\$4 same audio same data	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:19
S6	2	((("6931370") or ("20040199933"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/07/13 11:59
S7	14	((("5966120") or ("5461619") or ("5650825") or ("20020085584") or ("5802068") or ("6137834") or ("6298089") or ("5448568") or ("5506844") or ("6064676") or ("6687247") or ("5987031") or ("7035278") or ("20020146023"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/07/11 15:33
S8	1257	(381/57-59).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/06 17:22

S9	0	(monitor\$3 check\$3 watch\$3 track\$3 inspect\$3) with ((audio volume) near2 levels) with (MPEG near2 data near2 streams)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/06 17:26
S10	0	(monitor\$3 check\$3 watch\$3 track\$3 inspect\$3) same ((audio volume) near2 levels) same (MPEG near2 data near2 streams)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/06 17:27
S11	0	((audio volume) near2 levels) same (MPEG near2 data near2 streams)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/06 17:27
S12	0	((audio volume) near2 levels) same (MPEG near2 streams)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/06 17:31
S13	0	(sub-band subband) same stream same (denormali\$5) same threshold same audio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/06 17:34
S14	0	("6931370").URPN.	USPAT	OR	OFF	2007/07/06 17:51
S15	7	("4546212"   "5448568"   "5734678"   "5864816"   "5909664"   "6278387"   "6314391").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/06 18:11
S16	2	(channel near3 characteristics) with determin\$3 with ((audio volume) near2 level\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/06 18:17

S17	0	(schedule near3 commercial near2 breaks) with determin\$3 with ((audio volume) near2 level\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/06 18:17
S18	0	(schedule near3 commercial near2 breaks) same ((audio volume) near2 level\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 14:09
S19	10	(channel near3 (label name identifier)) same ((audio volume) near2 level\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/06 18:18
S20	165	(measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1 with (label\$1 identification "ID" schedule)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 14:12
S21	9	((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1 with (label\$1 identification "ID" schedule)) and satellite	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/05 12:30
S22	0	((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1 with (label\$1 identification "ID" schedule)) and (digital near3 (TV television))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 14:16
S23	1	((((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) same (label\$1 identification "ID" schedule)) and (digital near3 (TV television))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 14:17

S24	10	((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) same (digital near3 (TV television))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 14:21
S25	46	((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) same MPEG	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:00
S26	8	((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) same MPEG same (sub-band subband)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 15:12
S27	13	imai.in. and image same audio same compress\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 15:14
S28	22	hasegawa.in. and (audio same information same process\$3) and MPEG	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 15:14
S29	0	("565625743").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 15:30
S30	1	("5625743").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 15:39

S31	7	("4546212"   "5448568"   "5734678"   "5864816"   "5909664"   "6278387"   "6314391").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/11 15:32
S32	1	("5625743").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 15:39
S33	0	S32 and (volume gain) same level\$1	USPAT	OR	OFF	2007/07/11 15:39
S34	1	S32 and (volume gain)	USPAT	OR	OFF	2007/07/11 15:39
S35	0	((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) same MPEG same (decompress\$3 denormali\$5 dequanti\$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:01
S36	0	((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) same MPEG) and ((decompress\$3 denormali\$5 dequanti\$6) near3 (subband sub-band))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:02
S37	84	((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) and ((decompress\$3 denormali\$5 dequanti\$6) near3 (subband sub-band))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:02
S38	10	((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) and ((decompress\$3 denormali\$5 dequanti\$6) near3 (subband sub-band)) and MPEG	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:26
S39	2	(("6931370") or ("20040199933")).PN.	US-PGPUB; USPAT	OR	OFF	2007/07/11 16:10

S40	2	S39 and mpeg	US-PGPUB; USPAT	OR	OFF	2007/07/11 16:13
S41	0	mpeg and ((measur\$3 determin\$3 calculat\$3) with (audio volume) with pyschoacoustic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:14
S42	0	mpeg and (((measur\$3 determin\$3 calculat\$3) with (audio volume)) same pyschoacoustic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:15
S43	2	mpeg and ((measur\$3 determin\$3 calculat\$3) with (audio volume)) and pyschoacoustic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:16
S44	1	"704"/\$.ccls. and ((measur\$3 determin\$3 calculat\$3) with (audio volume)) and (pyschoacoustic near3 model)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:16
S45	0	"381"/\$.ccls. and ((measur\$3 determin\$3 calculat\$3) with (audio volume)) and (pyschoacoustic near3 model)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:16
S46	1	((measur\$3 determin\$3 calculat\$3) with (audio volume)) and (pyschoacoustic near3 model)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:17



S47	0	mpeg same ((audio volume) near3 level near3 channel\$1)) and (psychoacoustic near3 model)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:18
S48	0	mpeg and ((audio volume) near3 level near3 channel\$1) and (psychoacoustic near3 model)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:18
S49	0	mpeg and ((audio volume) near3 channel\$1) and (psychoacoustic near3 model)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:18
S50	1	mpeg and ((audio volume) with level\$1) and (psychoacoustic near3 model)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:19
S51	1	((audio volume) with level\$1) and (psychoacoustic near3 model)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:19
S52	0	"Hughes Electronics" and (psychoacoustic near3 model)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:20
S53	1	"704"/\$.cls. and (psychoacoustic near3 model)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 18:19

S54	0	"381"/\$.ccls. and (psychoacoustic near3 model)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:20
S55	34	((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) and (bit near2 allocat\$3 near3 (subband sub-band)) and MPEG	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:28
S56	0	((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) and (bit near2 allocat\$3 near3 (subband sub-band)) and MPEG and pyschoacoustic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:28
S57	0	((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) and (bit near2 allocat\$3 near3 (subband sub-band)) and MPEG and pyscho-acoustic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:28
S58	4	((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) same (bit near2 allocat\$3 near3 (subband sub-band))) and MPEG	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:31
S59	0	((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) same mpeg same (without near3 decompress\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 17:53
S60	0	((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) same (without near3 decompress\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 17:54

S61	0	((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) same ("without" near3 decompress\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 17:54
S62	12	((measur\$3 determin\$3 calculat\$3) with (audio volume)) same ("without" near3 decompress\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/13 11:24
S63	0	"704"/\$.ccls. and (weight\$3 near3 instantan\$4 near2 level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 18:20
S64	0	"381"/\$.ccls. and (weight\$3 near3 instantan\$4 near2 level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 18:20
S65	9	(weight\$3 near3 instantan\$4 near2 level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/12 10:59
S66	0	(subband sub-band) with weight\$3 with ((instantan\$4 instant fast) near2 level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 18:43
S67	2	(subband sub-band) with coefficie\$4 with ((instantan\$4 instant fast) near2 level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 18:44

S68	20	(weight\$3 near3 (instant instantan\$4) near2 level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/13 14:16
S69	0	(weight\$3 near3 (overall total gross) near2 level) same audio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/12 11:08
S70	827	(weight\$3 near3 (overall total gross) near2 level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/12 11:09
S71	687	(weight\$3 near3 (overall total gross) near2 level) and (audio background)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/12 11:11
S72	1	(weight\$3 near3 (overall total gross) near2 level) same (audio background)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/12 11:09
S73	0	weight\$3 with ((overall total gross) near2 (audio background) near2 level))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/12 11:10
S74	36	(probability near3 (overall total gross) near2 level) and (audio background)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/12 11:12

S75	3	(probability near3 (overall total gross) near2 level) same (audio background)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/12 11:12
S76	1	(probability near3 (instant\$7) near2 level) same (audio background)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/12 11:18
S77	1	("5625743").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/12 11:19
S78	1	S77 and weight\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/12 11:23
S79	0	(subband sub-band) with (signal near2 power near2 "each" near2 frequency near2 band)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/12 11:24
S80	0	(subband sub-band) with (represent\$1) with (signal near2 power) with ("each" near2 frequency near2 band)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/12 11:24
S81	7	(subband sub-band) with (represent\$1) with (signal near2 power)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/13 11:04

S82	74	(subband sub-band) near3 (signal near2 power) near3 band	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/13 11:05
S83	12	(subband sub-band) near3 (signal near2 power) near3 frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/13 11:05
S84	12	((measur\$3 determin\$3 calculat\$3) with (audio volume)) same ("without" near3 decompress\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/13 11:24
S85	5	S84 and average	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/13 11:25
S86	0	("S6and(programcomputermediumdisc)").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/13 11:59
S87	2	((("6931370") or ("20040199933"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/07/13 11:59
S88	2	S87 and (program computer medium disc)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/13 12:08
S90	0	381/56-59,103-107.ccls. and trigger\$3 with alarm with ((threshold limit) near2 exceed\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/13 12:11

S91	746	trigger\$3 with alarm with ((threshold limit) near2 exceed\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/13 12:12
S92	14	(trigger\$3 with alarm with ((threshold limit) near2 exceed\$3)) same (audio )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/13 13:59
S93	14	(trigger\$3 with (buzzer alarm) with ((threshold limit) near2 exceed\$3)) same (audio )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/13 14:15
S94	61	weight\$3 near3 (instant instantan\$4) near2 (amplitude gain level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/13 14:19
S95	1607	weight\$3 near3 (total overall) near2 (amplitude gain level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/13 14:20
S96	1	(weight\$3 near3 (total overall) near2 (amplitude gain level)) same audio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/13 14:20
S97	2	(weight\$3 near3 (total overall) near2 (sum amplitude gain level)) same audio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/13 14:21

S98	4257	(weight\$3 near3 (total overall) near2 (sum amplitude gain level))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/13 14:21
S99	17	(weight\$3 near3 (total overall) near2 (audio gain volume) near2 (sum amplitude level))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/13 14:22
S100	63	alarm with (set trigger\$2) with (loss near2 signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/12/30 15:22
S101	0	alarm with (set trigger\$2) with (loss near2 audio near2 signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/12/30 14:43
S102	2	alarm with (set trigger\$2) with (average near2 level near3 (high low))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/12/30 14:52
S103	2	alarm with (set trigger\$2)) same (average near2 level near3 (high low))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/12/30 14:53
S104	2	((alarm bell buzzer) with (set trigger\$2)) same (average near2 level near3 (high low))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/12/30 14:53



S105	3	((alarm bell buzzer) with (set trigger\$2)) same ((average mean) near2 level near3 (high low))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/12/30 15:25
S106	11	S100 and (audio sound)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/12/30 15:22
S107	3	((alarm bell buzzer) with (set trigger\$2 avtivat\$3 initiat\$3 trip \$4)) same ((average mean) near2 level near3 (high low))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/12/31 10:10
S108	1	((alarm bell buzzer) with (set trigger\$2 avtivat\$3 initiat\$3 trip \$4)) same (loss near3 audio near3 signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/12/30 15:27
S109	1	(set trigger\$2 avtivat\$3 initiat\$3 trip\$4) with (loss near3 audio near3 signal) with detect\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/05 12:01
S110	0	((set trigger\$2 avtivat\$3 initiat\$3 trip\$4) adj2 (alarm buzzer bell ring\$3)) with ((average mean) near2 audio near3 (high low))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/12/31 10:11
S111	0	((set trigger\$4 avtivat\$3 initiat\$3 trip\$4) adj2 (alarm buzzer bell ring\$3)) with ((average mean) near2 audio near3 (high low))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/12/31 10:11

S112	0	(set trigger\$2 avtivat\$3 initiat\$3 trip\$4) adj3 (buzzer alarm ring\$3) adj3 detect\$3 adj3 (loss near3 audio near3 signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/05 12:02
S113	0	(set trigger\$3 avtivat\$3 initiat\$3 trip\$4) adj3 (buzzer alarm ring\$3) adj3 detect\$3 adj3 (loss near3 audio near3 signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/05 12:04
S114	0	(trigger\$3 avtivat\$3 initiat\$3 trip\$4) adj3 (buzzer alarm ring \$3) adj3 (loss near3 audio near3 signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/05 12:09
S115	0	(trigger\$3 activat\$3 initiat\$3 trip\$4) adj3 (buzzer alarm ring \$3) adj3 (loss near3 audio near3 signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/05 12:05
S116	0	(trigger\$3 activat\$3 initiat\$3 trip\$4) adj3 (buzzer alarm ring \$3) adj3 (loss near3 audio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/05 12:26
S117	0	(trigger\$3 activat\$3 initiat\$3 trip\$4) near3 (buzzer alarm ring \$3) near3 (loss near3 audio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/05 12:06
S118	0	(trigger\$3 activat\$3 initiat\$3 trip\$4) near3 (buzzer alarm ring \$3) near3 (loss near3 microphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/05 12:07

S119	36	(trigger\$3 activat\$3 initiat\$3 trip\$4) near3 (buzzer alarm ring \$3) near3 (loss near3 signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/05 12:07
S120	0	((trigger\$3 activat\$3 initiat\$3 trip\$4) near3 (buzzer alarm ring \$3) near3 (loss near3 signal)) same (audio sound)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/05 12:13
S121	1	((detect\$3 recogniz\$3) adj2 loss adj2 audio adj2 signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/05 12:10
S122	8	((trigger\$3 activat\$3 initiat\$3 trip\$4) near3 (buzzer alarm ring \$3) near3 (loss near3 signal)) and (audio sound)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/05 12:13
S123	0	(trigger\$3 activat\$3 initiat\$3 trip\$4) adj3 (buzzer alarm ring \$3) adj3 (loss near3 (audio speech sound music))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/05 12:26
S124	0	"381"/\$.ccls. and (detect\$3 adj3 loss adj2 audio) same alarm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/05 12:31
S125	0	"381"/\$.ccls. and (detect\$3 adj3 presence adj2 audio) same alarm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/05 12:31

S126	30	"381"/\$.ccls. and (detect\$3 adj3 presence adj2 audio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/05 12:31
S127	0	"381"/\$.ccls. and (detect\$3 adj3 loss adj2 audio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/05 12:32
S128	18	(detect\$3 adj3 loss adj2 audio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/05 12:33
S129	2	(( "6931370" ) or ( "20040199933" ) ).PN.	US-PGPUB; USPAT	OR	OFF	2008/01/05 12:52
S130	2	S129 and medium	US-PGPUB; USPAT	OR	OFF	2008/01/05 12:52
S131	1	S129 and (disc disk)	US-PGPUB; USPAT	OR	OFF	2008/01/05 12:53
S132	631	(381/56).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/05/20 15:58
S133	1323	(381/104,107).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/05/20 15:58

S134	2564	(704/200.1,500,230,235).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/05/20 15:58
S135	1	(trigger\$3 activat\$3 initiat\$3 trip\$4) near10 (buzzer alarm ring \$3) near10 loss near10 (audio voice speech) near10 signal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/05/20 16:01
S136	0	MPEG and (sub-band near20 (de-quantiz\$3 dequantiz\$3 unpack\$1) near20 (denormali\$4 uncompress\$2 decompress \$3) near20 audio near20 (gain volume level amplitude) near20 (threshold limit))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/05/20 16:06
S137	0	MPEG and ((de-quantiz\$3 dequantiz\$3 unpack\$1) near20 (denormali\$4 uncompress\$2 decompress\$3) near20 audio near20 (gain volume level amplitude) near20 (threshold limit))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/05/20 16:07
S138	0	((de-quantiz\$3 dequantiz\$3 unpack\$1) near20 (denormali\$4 uncompress\$2 decompress\$3) near20 audio near20 (gain volume level amplitude) near20 (threshold limit))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/05/20 16:07
S139	1	MPEG and ((de-quantiz\$3 dequantiz\$3 unpack\$1) near20 (denormali\$4 uncompress\$2 decompress\$3) near20 (threshold limit))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/05/20 16:07
S140	0	(trigger\$3 activat\$3 initiat\$3 trip\$4) near20 (buzzer alarm ring \$3) near20 (loss near10 audio) near20 stream	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/05/20 16:08

S141	6	(trigger\$3 activat\$3 initiat\$3 trip\$4) near20 (buzzer alarm ring\$3) near20 (loss near10 audio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/05/20 16:09
S142	2	video and ((de-quantiz\$3 dequantiz\$3 unpack\$1) near20 (denormali\$4 uncompress\$2 decompress\$3) near20 (threshold limit))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/05/20 16:11
S143	0	"381"/\$.ccls. and (trigger\$3 activat\$3 initiat\$3 trip\$4) near10 (buzzer alarm ring\$3) near10 (absense loss) near10 (audio speech sound music)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/05/21 10:55
S144	2	"381"/\$.ccls. and (buzzer alarm ring\$3) near10 (absense loss) near10 (audio speech sound music)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/05/21 10:56
S145	19	(trigger\$3 activat\$3 initiat\$3 trip\$4) near10 (buzzer alarm ring\$3) near10 (absense loss) near10 (audio speech sound music)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/05/21 10:56
S146	7	((trigger\$3 activat\$3 initiat\$3 trip\$4) near10 (buzzer alarm ring\$3) near10 (absense loss) near10 (signalL)) same (audio sound music)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/05/21 10:59
S147	0	james.in. and (automatic same measure\$4 same audio same data) and (weight\$3 near10 channel near10 instantan\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/05/21 13:47

S148	0	james.in. and (automatic same measure\$4 same audio same data) and (weight\$3 near10 instantan\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/05/21 13:47
S149	0	"381"/\$.ccls. and (channel near10 weight\$3 near10 (instant \$6) near10 level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/05/21 13:49
S150	21	"381"/\$.ccls. and (weight\$3 near10 (instant\$6 overall total) near10 level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/05/21 13:51
S151	0	"381"/\$.ccls. and (subband sub-band) near10 represent\$5 near10 strength near10 frequency near10 band	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/05/21 14:02
S152	1	(subband sub-band) near10 represent\$5 near10 strength near10 frequency near10 band	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/05/21 14:03
S153	28	(subband sub-band) near10 represent\$5 near10 (strength power) near10 frequency near10 band	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/05/21 14:04
S154	3614	(381/102-109,56,59).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/05/21 16:06

S155	2564	(704/200.1,500,230,235).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/05/21 16:06
S156	30	(subband sub-band) near10 (symboli\$3 exemplif\$3 constit\$4 compris\$2 represent\$5) near10 (strength power) near10 frequency near10 band	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/05/21 16:09
S157	0	("2001004267").PN.	US-PGPUB; USPAT	OR	OFF	2008/05/21 16:45
S158	1	("20010047267").PN.	US-PGPUB; USPAT	OR	OFF	2008/05/21 16:46
S159	0	MPEG near20 extract\$3 near20 (subband sub-band) near20 (dequanti\$3 decipher) near20 (denormal\$4 \$2compress\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/05/21 16:56
S160	0	MPEG and (extract\$3 near20 (subband sub-band) near20 (dequanti\$3 decipher) near20 (denormal\$4 \$2compress\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/05/21 16:57
S161	20	MPEG and ((subband sub-band) near20 (dequanti\$3 decipher) near20 (denormal\$4 \$2compress\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/05/21 16:57
S162	1	MPEG near10 (subband sub-band) near20 (parser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/05/21 17:07



S163	2	MPEG near10 (subband sub-band) near20 (pars\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/05/21 17:07
S164	35	(subband sub-band) near20 represent\$5 near20 (strength power) near10 frequency near10 band	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/05/21 17:08
S165	41	(subband sub-band) near10 (compris\$3 constitut\$3 correspond\$3 represent\$3) near10 (strength power) near10 frequency near10 band	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/05/21 17:23
S166	1391	(381/57-59).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/21 22:36
S167	1386	(381/104,107).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/21 22:36
S168	2832	(704/200.1,500,230,235).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/12/21 22:36
S169	1	("20010047267").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/22 09:06

S170	1460	(381/57-59).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/22 09:12
S171	1437	(381/104,107).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/22 09:12
S172	3095	(704/200.1,500,230,235).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/22 09:12
S173	8	(buzzer alarm ring\$3) near20 (absense loss) near10 (audio speech sound music) near20 threshold\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/22 09:59
S174	0	james.in. and (automatic same measure\$4 same audio same data) and (threshold\$3 near10 loss)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/22 10:08
S175	3	james.in. and (automatic same measure\$4 same audio same data) and ( loss)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/22 10:08
S176	11	(buzzer alarm ring\$3) near20 (absence loss) near10 (audio speech sound music) near20 threshold\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/01/03 17:37

S177	2149	(381/56-59).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/01/03 17:44
S178	3388	(704/200.1,500,230,235).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/01/03 17:44
S179	1510	(381/104,107).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/01/03 17:45
S180	3	(buzzer alarm ring\$3) near20 (average mean rms) near10 (level gain amplitude volume) near10 (audio speech sound music stream) near20 (high low)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/01/03 17:51
S181	1	("20010047267").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/03 17:54
S182	0	(level gain amplitude volume power) near10 (subband sub- band) near20 (square near5 root) near20 (sum near5 squares)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/01/03 18:01
S183	0	(subband sub-band) near20 (square near5 root) near20 (sum near5 squares)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/01/03 18:02
S184	0	dequantiz\$3 near10 denormaliz\$3 near10 all near10 (subband \$1 sub-band\$1)	USPAT	OR	OFF	2010/01/18 21:25

S185	0	dequantiz\$3 near10 denormaliz\$3 near10 all near10 (subband \$1 sub-band\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/01/18 21:25
S186	4	(( "6931370" ) or ( "5337041" ) or ( "6429779" ) or ( "4934483" ) ). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/07/06 09:37
S187	0	audio near10 (gain level volume amplitude) near10 (determin \$3 measur\$3 calculat\$3) near10 (all every) near10 (dequantiz \$3 denormaliz\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/07/06 09:47
S188	0	james.in. and (automatic same measure\$4 same audio same data) and all	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/07/06 09:47
S189	3	(( "6219043" ) or ( "6026232" ) or ( "20020150057" ) ).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/07/06 10:19
S190	2	james.in. and (automatic same measure\$4 same audio same data) and (adaptive\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/09/29 11:51

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L15	3862	(704/200.1,500,230,235).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/09/29 14:59
L16	4470	(381/104,107,56-59,1,17-19).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/09/29 14:59

L17	0	L15 and alarm near10 (average mean) near10 audio near10 (level volume amplitude gain)	US-PGPUB; USPAT; UPAD	OR	OFF	2010/09/29 15:00
L18	0	L16 and alarm near10 (average mean) near10 audio near10 (level volume amplitude gain)	US-PGPUB; USPAT; UPAD	OR	OFF	2010/09/29 15:00
L19	0	L15 and trigger\$3 near10 alarm near10 (average mean) near10 audio near10 (level volume amplitude gain)	US-PGPUB; USPAT; UPAD	OR	OFF	2010/09/29 15:00
L20	0	L16 and trigger\$3 near10 alarm near10 (average mean) near10 audio near10 (level volume amplitude gain)	US-PGPUB; USPAT; UPAD	OR	OFF	2010/09/29 15:00
L21	20	trigger\$3 near10 alarm near10 (average mean) near10 (level volume amplitude gain)	US-PGPUB; USPAT; UPAD	OR	OFF	2010/09/29 15:07
L22	2471	(340/500,506,825.43).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/09/29 15:13
L23	0	L22 and trigger\$3 near10 alarm near10 (average mean) near10 (level volume amplitude gain)	US-PGPUB; USPAT; UPAD	OR	OFF	2010/09/29 15:14
L24	0	L22 and trigger\$3 near10 alarm near10 (average mean) near10 audio near10 (level volume amplitude gain)	US-PGPUB; USPAT; UPAD	OR	OFF	2010/09/29 15:14
L25	0	L22 and alarm near10 (average mean) near10 audio near10 (level volume amplitude gain)	US-PGPUB; USPAT; UPAD	OR	OFF	2010/09/29 15:14

**9/ 29/ 2010 3:31:15 PM**

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